BRUHATH BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

EMB

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1st and Final Bill towards for the work of

Improvements to roads and drains at GKVK layout and Narayanappa layout in ward no -04.

ESTIMATE COST: RS.99.99 Lakhs

JOB NUMBER:004-21-000016.

Asst. Executive Engineer,
Yelahanka new town sub division,
BBMP, BANGALORE-64

1st and Final bill

me of work: Improvements to roads and drains at GKVK layout and Narayanappa layout in ard no -04

ork Order No: BBMP / EE/ YNK.D / E-PMT-05 /W.O / 00209 /2020-21 dt: 12-01-2021.

DB NUMBER: 004-21-000016

stimate Cost: 99.99 lakhs.

s No: EE/ YNK.D/ AS / 18 /2020-21 dt :18-8-2020.

s No : CE / YNK.Z/ TS / 102 /2020-21 dt : 28-8-2020.

ame of Contractor : Sri. Muralidhara C R

MEASUREMENTS

Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-1 Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications (I No-19.1, P No-143), 8km lead	Cum							
	Premeasument Recorded vide excel sheet page no 1&2						1432.40		
							1432.40	225.61	323164.00
2	Filling in foundation with granite/trap broken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications a) 40mm Jelly	Cum							
	Premeasument Recorded vide excel sheet page no 2						1.13		
3	b) 20 mm jelly						1.13	1992.25	2251.00
	Premeasument Recorded vide excel sheet page no 2						1.13		
4	c) course sand						1.13	1992.25	2251.00
	Premeasument Recorded vide excel sheet page no 2						0.88		
5	d) Fine sand						0.88	2778.25	2445.00
	Premeasument Recorded vide excel sheet page no 2						0.50		
6	e) 12.5mm chips						0.50	2778.25	1389.00
	Premeasument Recorded vide excel sheet page no 2						0.88		

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	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
							0.88	1992.25	1753.00
	Supplying, laying and jointing HDPE pipes of specified grade and conforming to IS 4984- 995 with latest amendments and conveyingto work site including loading and unloading at both destinations and rolling and lowering into trenches, laying true to line and jointing of pipes and specials, giving hydraulic test as per relevant ISS with all lead and lifts including encasing the pipe alround to a depth of not less than 15 cms. with soft gravel or selected earth available from the excavation, testing and commissioning. The rate is exclusive of required specials and fittings wherever necessary like saddle Tee, stub ends, flanged sets, bends, reducers etc. complete (Contractor will make his own arrangements for procuring water for testing) etc. for HDPE Grade PE80-PN6.0, 630 mm dia. (Perforated Pipe for Rain Water Harvesting Pit)	Mtrs							
	Premeasument Recorded vide excel sheet page no 3								
							18.00		
8	Providing of Geonets for Rain Water Harvesting pit on top of the filter media as specified indrawings or as approved by Engineer Incharge. Data Rate	Sqm					18.00	11341.79	204152.00
	Premeasument Recorded vide excel sheet page no 3								
							3.10		
9	KSRRB M2100-10 Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications.	Cum					3.10	74.44	231.00
	Premeasument Recorded vide excel sheet page no 3								
							227.30	5682.15	1291550.00

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ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯೋಜನೆ : ಸುಪನಗರ ಉಪವಿಭಾಗ,
ಕೆ.ಆರ್.ಐ.ಡಿ.ಎ.ಬೆಂಗಳೂರು-100

Description of item	Unit	No	L	B	D	Qty	Rate	Amount
Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centring, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2000 Including cost of materials, labour, HOM complete as per specifications	Cum							
for RCC drain GKVK layout 1st main road House no 91 LHS		1	13.20	0.90	0.15	1.78		
		1	15.00	0.90	0.15	2.03		
		1	30.00	0.90	0.15	4.05		
		1	30.00	0.90	0.15	4.05		
		1	30.00	0.90	0.15	4.05		
		1	30.00	0.90	0.15	4.05		
		1	30.00	0.90	0.15	4.05		
		1	2.00	0.90	0.15	0.27		
		1	30.00	0.90	0.15	4.05		
		1	8.00	0.90	0.15	1.08		
		1	12.60	0.90	0.15	1.70		
RHS		1	15.00	0.90	0.15	2.03		
		1	30.00	0.90	0.15	4.05		
		1	30.00	0.90	0.15	4.05		
		1	30.00	0.90	0.15	4.05		
		1	30.00	0.90	0.15	4.05		
		1	30.00	0.90	0.15	4.05		
		1	13.00	0.90	0.15	1.76		
		1	30.00	0.90	0.15	4.05		
		1	18.50	0.90	0.15	2.50		
judicial layout		1	30.00	0.90	0.15	4.05		
		1	30.00	0.90	0.15	4.05		
		1	30.00	0.90	0.15	4.05		
		1	10.00	0.90	0.15	1.35		
		1	30.00	0.90	0.15	4.05		
		1	30.00	0.90	0.15	4.05		
		1	30.00	0.90	0.15	4.05		
		1	30.00	0.90	0.15	4.05		
		1	30.00	0.90	0.15	4.05		
		1	30.00	0.90	0.15	4.05		
Mathru layout 6th cross road		1	20.00	0.90	0.15	2.70		
		1	30.00	0.90	0.15	4.05		
		1	30.00	0.90	0.15	4.05		
		1	30.00	0.90	0.15	4.05		
		1	30.00	0.90	0.15	4.05		

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬೆಂಗಳೂರು-೧೦೬

Ramachandra
8/03/2021

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
							373.72	7409.57	2769078
	KSRRB - M2300-14: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.MORTH Specification No. 1600 & 2200 for TMT bars Fe 500.	Tonne							
	Premeasument Recorded vide excel sheet page no 5 to 7								
4	KSRRB M200-24 Dismentling of cement concrete pavament by machanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock pilling at designated locations and disposal of dismantled materials stacking serviceable and unserviciable materials seperately complete as per specifications loadn and unloading with 8 km lead	cum					22.66	77543.87	1757377.00
	Premeasument Recorded vide excel sheet page no 7						52.75		
							52.75	1020.14	53814.00

Ramarangeari

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬೆಂಗಳೂರು-

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS.383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008, mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints,including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound.	Cum							
	for cc road								
			1	15.00	(6.3+6.2)/2	0.15	14.06		
			1	15.00	(6.2+6.3)/2	0.15	14.06		
			1	4.50	(6.3+6.1)/2	0.15	4.19		
							32.31	17648	
							Sub Total		6585902.64
							12% GST		790308.32
							Total		7376210.96
2	Providing and Fixing pre cast covering Slab 100mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work, curing, including form cost of all materials, labour, hire charges of Machinery, loading, unloading, laid and lift, transportation etc., complete. As per Engineer IN charge. (Data Rate)	Sqm							
	for RCC drain GKVK layout 1st main road House no 91 LHS								
			1	13.20	0.90		11.88		
			1	15.00	0.90		13.50		
			1	30.00	0.90		27.00		
			1	30.00	0.90		27.00		
			1	30.00	0.90		27.00		
			1	30.00	0.90		27.00		
			1	30.00	0.90		27.00		
			1	2.00	0.90		1.80		

Description of item	Unit	No	L	B	D	Qty	Rate	Amount
		1	30.00	0.90		27.00		
		1	8.00	0.90		7.20		
		1	12.60	0.90		11.34		
RHS		1	15.00	0.90		13.50		
		1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	13.00	0.90		11.70		
		1	30.00	0.90		27.00		
		1	18.50	0.90		16.65		
judicial layout		1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	10.00	0.90		9.00		
		1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	20.00	0.90		18.00		
Mathru layout 6th cross road		1	30.00	0.90		27.00		
		1	20.00	0.90		18.00		
		13	0.90	0.60		7.02		
		1	30.00	0.90		27.00		
		1	12.50	0.90		11.25		
missing slab		1	20.00	0.90		18.00		
		1	18.00	0.90		16.20		
		1	19.00	0.90		17.10		
		1	22.00	0.90		19.80		
		1	21.00	0.90		18.90		
		1	18.00	0.90		16.20		
		1	23.00	0.90		20.70		
		1	22.00	0.90		19.80		
		1	29.00	0.90		26.10		
		1	19.00	0.90		17.10		
		1	22.00	0.90		19.80		
		1	19.00	0.90		17.10		
		1	22.00	0.90		19.80		
		1	26.00	0.90		23.40		
						1041.84	2449.18	2551654.00

02/05/2021

CAFC 31/3

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.

Ramaranjeewaiah
31/03/2021

Description of item	Unit	No	L	B	D	Qty	Rate	Amount
Providing and Fixing pre cast covering Slab 250 mm thick made out of CC 1:1:5:3 and using graded granite jelly 20mm Down size with steel reinforcement including form work, curing, including form cost of all materials, labour, hire charges of Machinery, loading, unloading, laid and lift, transportation etc., complete. As per Engineer IN charge. (Data Rate).	Sqm							
Culverts								
		7	1.20	0.60		5.04		
		17	1.50	0.60		15.30		
						20.34	5678.06	115491.74
						GRAND TOTAL		10043356.1

Rameshgowda.
9/04/2021

C&FC
Saulin
9/4/2021
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.